

Application No. 10/802,320
Amendment Dated: July 20, 2005
Reply to Office Action of: April 20, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A cable assembly for an electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which [the] a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having either plastic plug-pins with spring-steel strips, or metal plug-pins with recesses on a plug body near the plug-pins to provide flexibility in mating with a socket.
2. (currently amended) A cable assembly as in Claim 1, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.
3. (currently amended) A cable assembly as in Claim 1, wherein said attachment plug further comprises a plastic outer mould and an inner mould to prevent said three cores from contact with each other.
4. (original) A cable assembly as in Claim 3, wherein said inner mould has gutters for embedding said three cores.
5. (currently amended) A cable assembly as in Claim 1, wherein said recess is a notch cut on a ridge of the plug body near ~~the plug pin~~ said plug-pins.
6. (currently amended) A cable assembly as in Claim 1, wherein said attachment plug further comprises a plastic outer mould having a two-piece construction without an inner mould and employs constructional spacers and barriers to prevent said three cores from contacting each other.

7. (original) A cable assembly as in Claim 1, wherein the number of conductors in each signal transmitting core is 4.

8. (currently amended) In combination:

an electrosurgical pencil; and

a cable assembly for said electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which [the] a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having a pair of plastic plug-pins each with a spring-steel strip to provide flexibility in mating with a socket.

9. (currently amended) A combination as in Claim 8, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.

10.(currently amended) A combination as in Claim 8, wherein said attachment plug further comprising a plastic outer mould and an inner mould to prevent said three cores from contact with each other.

11.(original) A combination as in Claim 10, wherein said inner mould has gutters for embedding said three cores.

12.(currently amended) A combination as in Claim 8, wherein said plug comprises a plug body including a recess [is] configured as a simple notch cut on [the] a ridge of the plug body near ~~the plug-pin~~ said plug-pins.

13.(original) A combination as in Claim 8, wherein the number of conductors in each signal transmitting core is 4.

14.(currently amended) In combination:

an electrosurgical pencil; and

a cable assembly for an electrosurgical pencil comprising a power and signal transmitting multiple-core cable with an attachment plug, in which [the] a power transmitting core has more conductors and thicker insulation than two signal transmitting cores, said attachment plug having metal plug-pins with recesses on a plug body near the plug-pins to provide flexibility in mating with a socket.

15.(currently amended) A combination as in Claim 14, wherein said two signal transmitting cores have a reduced diameter in comparison to said power transmitting core.

16.(currently amended) A combination as in Claim 14, wherein said attachment plug further comprising a plastic outer mould and an inner mould to prevent said three cores from contact with each other.

17.(original) A combination as in Claim 16, wherein said inner mould has gutters for embedding said three cores.

18.(currently amended) A combination as in Claim 14, wherein [a] each said recess is a notch cut on the ridge of the plug body near the plug-pin.

19.(currently amended) A combination as in Claim 14, wherein said attachment plug further comprises a plastic outer mould having a two-piece construction without an inner mould and employs constructional spacers and barriers to prevent said three cores from contacting each other.

20.(original) A combination as in Claim 14, wherein the number of conductors in each signal transmitting core is 4.